VERSION 1

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 We use this protocol and it's working

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Agar Plate Preparation V.1

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ABSTRACT

Default scale - 1 L (makes approx. 2.5 sleeves of plates)

MATERIALS

STEP MATERIALS

☒ Tryptic Soy Broth **Fisher Scientific Catalog #DF0370-07-5**

☒ Kanamycin **Research Products International Corp (RPI) Catalog #K22000-25.0**

☒ Agar **Alfa Aesar Catalog #A10752-0E**

☒ LB **Research Products International Corp (RPI) Catalog #L24400-2000.0**

☒ Ampicillin **Research Products International Corp (RPI) Catalog #A40040-25.0**

1 Add powdered LB (25 g) and agar (15 g) to deionized water (1 L)

Agar Alfa Aesar Catalog #A10752-0E

LB Research Products International Corp (RPI) Catalog #L24400-2000.0

Note

n.b.

Particulates may remain after addition, but these will dissolve during the autoclave cycle

2 Autoclave using liquid cycle 00:15:00

3 Allow media to cool to 50 °C

4 Select antibiotic from the list below:

Step 4 includes a Step case.

Kanamycin

Ampicillin

step case

Kanamycin

5 Add 50 mg kanamycin and mix thoroughly

- 6 Pour into sterile plates and allow to cool